

Beef 2015 National Carcase Champions

Welcome to the 2015 Manchee Agriculture Newsletter.

The highlight for the last 12 months has been the ANZ National Beef Carcase Competition held by Beef Australia where Manchee Agriculture won multiple awards including the Overall Champion Carcase.

The competition is the only one of its kind in Australia with MLA running the competition which involved 17 processing plants across the nation, 194 pens and 582 cattle from all states of Australia with the same MSA over judge grading every animal entered in the competition.

The Champion Carcase was a Durham Tropical steer that returned \$1,892.50 and was fed at the Brownlie Family's Deepwater Feedlot at Westmar, Qld and processed at Kilcoy Pastoral Company, Qld. He delivered an outstanding set of data, at 16 months, the milk tooth steer had a HSCW of 333kg, MSA index of 63.40, EMA of 103 sq/cm, fat scans of 8/8mm (rib and rump) and a 1 marble score or MSA marble of 320. The steer came from our Durham Tropical pen that was placed 5th in class 5.

The Champion carcase wasn't an isolated one as we also won two class firsts, a second, a third and two fifths in the grain fed carcase section. The winning pen in class 5 made an average of \$1,558.89 and were sired by Yamburgan Grissom G31 and Yamburgan Tobermorey. Class 6 winning pen returned an average of \$1,668.33 per head with an average EMA of 93 sq/cm and were by Yamburgan Sparta and Yamburgan Emperor. Other sires represented in the winning steers were Yamburgan Ossie E65, Yamburgan Achilles, Wilgaroon Knight's Templar and Wilgaroon Dunkirk.

Our strong belief in the MSA grading system made us keen to participate in the Beef Australia competition, as it's the only truly national competition that embraces the system.

Producing cattle that hit carcase specifications at a younger age guarantees a higher MSA index. The MSA Index is designed to increase customer demand, produce profitable cattle, increase consumer satisfaction.

This competition has shown that our goal of breeding cattle that produce economic value at all stages of the production system, efficient maternal females producing progeny that grow quickly to 400 days, hit market specifications with



John & Liz Manchee at the presentation of the ANZ National Carcase Competition at Beef Australia 2015 after being awarded Champion Carcase. Photo Courtesy of Queensland Country Life.

consumer satisfaction. The breed is important, but once the hide comes off it is open slather, we focus on producing a profitable end product. ♦

Beef 2015 National Carcase Competition Results

Class 4 - 180-260kg	5th (Durham Tropical)
Class 5 - 260-340kg	1st (Shorthorn)
	2nd (Shorthorn)
	5th (Durham Tropical)
Class 6 - 300-420kg	1st (Shorthorn)
	3rd (Shorthorn)
National Champion Carcase (Durham Tropical)	

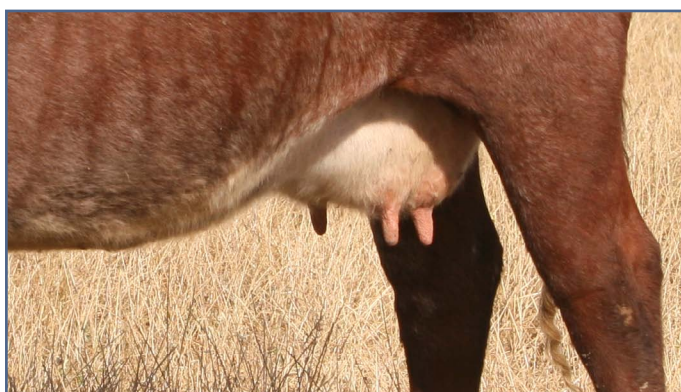
Beef Australia - MA Steer Averages

17 months of age, sold March 2015 - all Milk tooth	
HSCW	316kg
MSA Index	62.62
EMA	89 sq/cm
Fat (P8/Rib)	12/9 mm
Marble Score	1
MSA Marble	330
Average Return (per head)	\$1,654.13

We are facing new challenges in the cattle industry, with higher production costs and inconsistent seasons. The industry tends to change the environment to suit production but we believe in working with the environment and allowing it to predict many facets of our operation. We have always believed that the environment will make your female herd conform to the environmental restraints when strict fertility requirements are in place.

There are genetic antagonisms in beef production where improvement for one trait tends to decrease the level of performance for another trait. Milk is one such trait and one of the challenges is finding the optimum level of milk production within a herd. Optimum does not mean maximum.

Higher milking females require a higher feed input for maintenance both during lactation and when out of production. As milk production increases, more energy, protein, and other nutrients are transferred to the calf. This benefits the calf but also increases the dam's nutrient requirements. If these increased nutritional needs are not met, then the lactating cow or heifer will lose body condition. In turn, reproductive rates will be negatively impacted if a cow's body condition drops below moderate levels, especially in larger framed females.



Milk does not only effect a cow in lactating production. There is also a direct link between calves born from high milking cows requiring more feed as a maintenance requirement. This has a dire flow on affect of consequence for feedlotters and backgrounders feeding steers from a high milk production system.

"Calves born from high milking cows require more feed for maintenance as mature animals."

Milk is often referred to as a maternal trait but we believe it is a growth trait and consider it to be the most inefficient and expensive growth trait. US Department of Agriculture research has shown calves weaned at 150 days gained the same rate over the next 150 days when compared to calves of the same age that were left on their mothers. The difference is that the unweaned calves used 15-20 % more energy to arrive at the same weight. ♦

Win a YY Heifer at the Heifer Show



Sophia Manchee, aged 5, leading Yamburgan Connie C202 at the 2008 Heifer Show in Tamworth.

The 2015 Shorthorn Heifer Show will see a Yamburgan heifer up for grabs. The heifer show will be held at Tamworth, NSW on the October long weekend, 3rd - 5th. If you have a child interested in participating please contact the Shorthorn Youth President, Jake Taylor on 0439 627203. ♦

Coles want more Yamburgan Blood

Over the last three years Coles Supermarkets have purchased all surplus Manchee Agriculture females and lighter steers. To date the cattle consigned to Coles have averaged over 62 for the MSA index. The cattle have been fed for 70 days at the Wilga Feedlot, Bellata, NSW. We thank the MacCue family for their continued support. Phone Mike MacCue 0409 785301 (weight range 320-380kg). ♦



Pen of steers in the RAS Coles Domestic Beef Challenge, a competition where Manchee Ag has won Champion Steer in 2013 and 2014.

Socialise with us....

Manchee Agriculture is now social on Facebook, Twitter and YouTube. Follow or like us and we'll keep you up to date with what's happening. New MA BEEF bull sale previews will be available on our YouTube channel at the end of July.



MancheeAg



@MancheeAg



MancheeAgriculture

As part of the Beef Australia 2015, Yamburgan participated in the Genomix Genetic auction held on the Wednesday night of the week long event. The Genomix Genetic auction saw elite genetics from a multitude of breeds sold by the AuctionsPlus helmsman system with over 300 people in attendance. Shorthorns were the only breed to clear all lots offered with one of the highest averages.

One of the highlights of the night was a meat tasting session, where top chefs prepared beef from Shorthorn, Speckle Park, Angus and Hereford genetics. Manchee Ag supplied the cube rolls for the Shorthorn BBQ with the meat coming from the winning National Carcase Competition carcasses. Participants were given samples to try, with the Shorthorn beef, the clear winner on the night.



Yamburgan Connie D133 - Dam of Yamburgan Tobermorey F090 (sire of 2015 sale bulls).

Yamburgan offered a 'Pick of the Herd' flush lot which sold to a syndicate of Jason & Kylie Catts, Futurity Shorthorns, Trent Johnstone, Trojan Shorthorns and Lonnie Stone, Southern Cross Shorthorns for \$12,200. This is the only time a complete 'Pick of the Herd', in any format, has been offered by Yamburgan.

4 frozen embryos sired by Yamburgan Tobermorey F090 and out of Yamburgan Cloudy C61 (pictured), sold to Peter & Lou Capel, Bungulla Shorthorns, for \$1,500 each. Y C61 is the dam of Yamburgan Sparta F149 and Yamburgan Octagonal H246, top price bull at the 2014 Yamburgan sale for \$28,000.

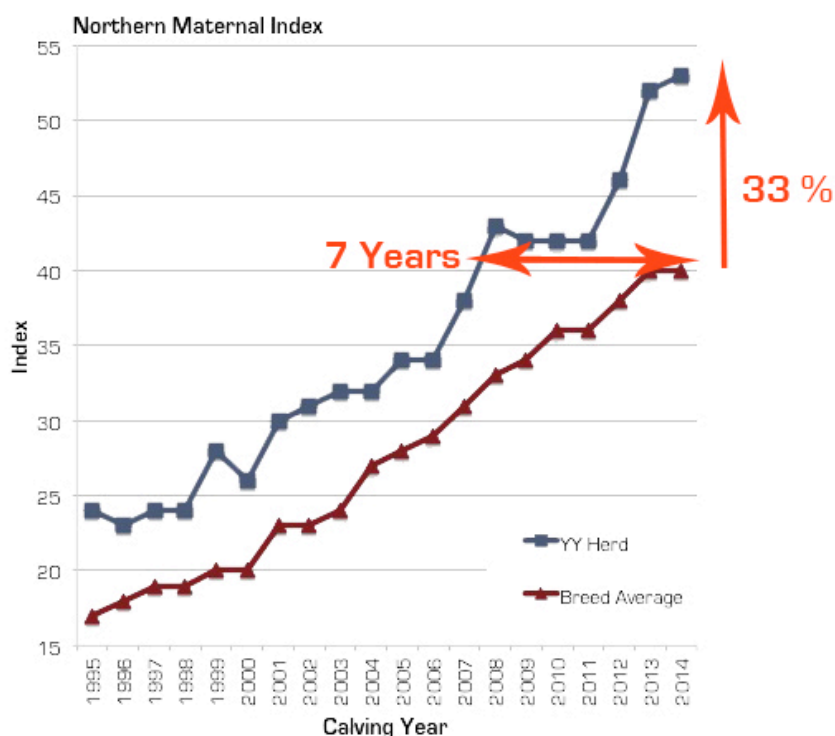
Brian & Sandra Mann, Maneroo Shorthorns, purchased the semen lot in Yamburgan Zeus H140, for \$50/straw. ♦



Yamburgan Cloudy C61 - Dam of Yamburgan Sparta F149 (sire of 2015 sale bulls) and Yamburgan Octagonal H246 (2014 top price bull, \$28,000).

TAKE A 7 YEAR GENETIC LEAP

The Northern Maternal Index of the Yamburgan Herd is 7 years ahead and 33% above the breed average.



2015 '20 Year' Bull & Female Sale Preview

2015 News

This year marks the 20th anniversary of the Yamburgan Annual Bull Sale. To celebrate the occasion we will be having a pre-sale dinner of the nations finest beef with entertainment by Australia's own bush poet, Murray Hartin. Please feel free to join us for the dinner the night before our bull sale, RSVP to Liz on 0427 936213 by the 18th August.

This year the draft of 130 bulls, of which 90 will be catalogued, averaged in the top 15% of the breed for all \$indexes, with some of the breeds highest \$indexing bulls being catalogued.

The main sires represented are Yamburgan Tobermorey F090 (33 sons), Yamburgan Emperor E103 (homozygous Poll) (15 sons), Yamburgan Ossie E65 (13 sons), Bundaleer Formula One (homozygous Poll) (12 sons), Yamburgan Gris-som G31 (8 sons), Yamburgan Sparta F149 (homozygous Poll) (8 sons) and Yamburgan Achillies (homozygous Poll) (7 sons).

The steer trial competitions we have entered over the last 5 years, against all other breeds in all states of Australia, have highlighted this crop of sires as some of the best carcass sires in Australia. These trials have set up great relationships with all the major processors for Yamburgan bloodline cattle. Our aim is to breed cattle that produce economic value at all stages of the production system that hit market specifications with consumer satisfaction.

As part of the 20th anniversary celebration, we will be offering the entire draft of autumn K heifers for sale as a 'buyers pick'. These heifers represent some of the highest indexing females in the breed.

130 BULLS...

Domestic Maternal Index **67** Bulls in TOP 15%
Export Maternal Index **72** Bulls in TOP 15%
Northern Maternal Index **81** Bulls in TOP 15%



YAMBURGAN MONKIRA J222 (P)

A quiet bull with outstanding figures, high growth & carcass with top 1% for all three indexes.

SELECTION INDEXES										\$Value	Ave
Dom Maternal Index (\$)										+\$57	+\$27
Export Maternal Index (\$)										+\$54	+\$26
Nth Maternal Index (\$)										+\$75	+\$35

	CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	+4.5	-	-1.8	+3.0	+35	+53	+76	+73	+8	+3.2	+56	+6.2	-0.6	-1.0	+1.7	+0.6		
Acc	42%	-	54%	76%	68%	67%	72%	61%	44%	71%	61%	53%	61%	61%	59%	52%		



YAMBURGAN EMPEROR J196 (P)

A high indexing bull with optimum growth, large EMA and top 5% for fat.

SELECTION INDEXES										\$Value	Ave
Dom Maternal Index (\$)										+\$42	+\$27
Export Maternal Index (\$)										+\$38	+\$26
Nth Maternal Index (\$)										+\$54	+\$35

	CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-5.2	-	-2.4	+4.0	+32	+41	+62	+59	+11	+1.6	+36	+5.7	+1.4	+1.8	+0.3	+1.3		
Acc	42%	-	53%	76%	69%	68%	72%	61%	50%	72%	60%	52%	60%	60%	58%	52%		



YAMBURGAN MONKIRA J256 (P)

An extremely thick, balanced son of Tobermorey with a wide top line and low birth weight.

SELECTION INDEXES										\$Value	Ave
Dom Maternal Index (\$)										+\$32	+\$27
Export Maternal Index (\$)										+\$30	+\$26
Nth Maternal Index (\$)										+\$46	+\$35

	CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-	-	-1.0	+3.4	+30	+40	+58	+56	+5	+0.6	+44	+4.8	-1.5	-1.9	+2.0	+0.1		
Acc	-	-	51%	75%	67%	66%	71%	59%	46%	70%	59%	51%	60%	60%	57%	51%		



YAMBURGAN LAZARUS J357 (P)

A bull with a lot of performance, high growth with an EMA in the top 5%.

SELECTION INDEXES										\$Value	Ave
Dom Maternal Index (\$)										+\$41	+\$27
Export Maternal Index (\$)										+\$31	+\$26
Nth Maternal Index (\$)										+\$51	+\$35

	CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-	-	-	-	-	+4.6	+40	+55	+70	+68	+1	+2.3	+45	+6.2	0.0	-0.2	+1.2	+0.5
Acc	-	-	-	-	-	73%	64%	62%	68%	55%	42%	68%	55%	47%	54%	54%	52%	44%



YAMBURGAN SPARTA F149 (P)

A homozygous poll sire with exceptional carcass through the top line & hind-quarter. Sire of 8 bulls in the sale.

SELECTION INDEXES		\$Value	Ave
Dom Maternal Index (\$)		+\$45	+\$27
Export Maternal Index (\$)		+\$33	+\$26
Nth Maternal Index (\$)		+\$53	+\$35

CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-0.8	+2.4	-3.0	+3.4	+37	+47	+55	+59	+1	+1.6	+40	+5.2	+0.4	+1.0	+1.0	+0.5	
Acc	57%	41%	74%	94%	87%	84%	88%	72%	44%	84%	73%	61%	74%	74%	72%	69%	



YAMBURGAN GRISSOM G31 (P)

Sire of winning National Carcase comp pens at Beef 2015. First sons offered this year. Sire of 8 bulls in sale.

SELECTION INDEXES		\$Value	Ave
Dom Maternal Index (\$)		+\$46	+\$27
Export Maternal Index (\$)		+\$44	+\$26
Nth Maternal Index (\$)		+\$56	+\$35

CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-0.4	+0.7	-1.7	+4.1	+38	+56	+68	+60	+10	+1.9	+51	+4.6	-0.8	-0.8	+1.7	+1.0	
Acc	57%	42%	71%	91%	82%	80%	82%	66%	40%	81%	69%	58%	69%	69%	67%	63%	

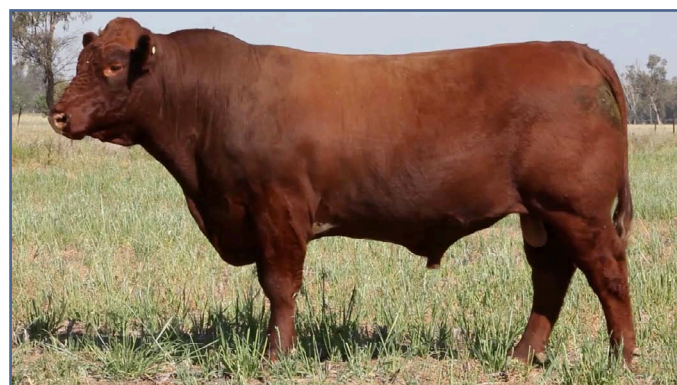


YAMBURGAN ZEUS H140 (P)

Low birth, explosive early growth & a proven carcass sire. Sire of bulls and heifers in this years sale.

SELECTION INDEXES		\$Value	Ave
Dom Maternal Index (\$)		+\$62	+\$27
Export Maternal Index (\$)		+\$46	+\$26
Nth Maternal Index (\$)		+\$66	+\$35

CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	+7.1	+2.6	-4.0	+1.3	+37	+53	+56	+48	+7	+2.7	+49	+4.9	+0.7	+0.5	+0.5	+0.6	
Acc	56%	42%	76%	87%	81%	78%	76%	62%	41%	77%	66%	56%	65%	65%	62%	57%	



YAMBURGAN TOBERMOREY F090 (P)

First sons on offer in 2015. Semen has been exported to the US, Canada and NZ. Sire of bulls and heifers in the sale.

SELECTION INDEXES		\$Value	Ave
Dom Maternal Index (\$)		+\$48	+\$27
Export Maternal Index (\$)		+\$44	+\$26
Nth Maternal Index (\$)		+\$65	+\$35

CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	+4.6	+4.6	-2.3	+3.1	+33	+46	+65	+64	+5	+1.9	+45	+6.1	-0.6	-1.1	+1.7	+0.2	
Acc	62%	53%	80%	94%	88%	86%	90%	78%	58%	87%	78%	69%	78%	78%	77%	74%	



YAMBURGAN EMPEROR E103 (P)

A homozygous poll sire with tremendous do-ability and muscle. Sire of 15 bulls in the sale.

SELECTION INDEXES		\$Value	Ave
Dom Maternal Index (\$)		+\$49	+\$27
Export Maternal Index (\$)		+\$44	+\$26
Nth Maternal Index (\$)		+\$58	+\$35

CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-1.4	+6.0	-4.3	+2.3	+22	+33	+44	+41	+9	+2.7	+22	+6.8	+2.6	+3.4	-0.7	+1.6	
Acc	71%	64%	83%	96%	94%	92%	91%	80%	69%	90%	81%	71%	81%	81%	80%	77%	



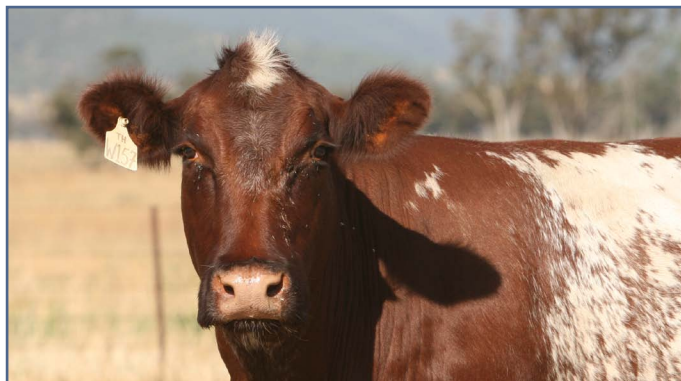
YAMBURGAN OSSIE E65 (P)

A slick coated bull with enormous top line and high IMF in a single package. Sire of 13 bulls in the sale.

SELECTION INDEXES		\$Value	Ave
Dom Maternal Index (\$)		+\$49	+\$27
Export Maternal Index (\$)		+\$46	+\$26
Nth Maternal Index (\$)		+\$63	+\$35

CE	Dir	CE	Dtr	GL	BW	200	400	600	MCW	Milk	SS	CWT	EMA	Rib	Rump	RBW	IMF
EBV	-2.7	+3.5	-3.2	+3.2	+31	+49	+68	+78	+2	+2.0	+49	+8.7	-0.2	-0.2	+2.0	+1.2	
Acc	60%	48%	66%	95%	88%	88%	91%	77%	61%	89%	79%	69%	79%	78%	77%	73%	

Polledness, or the absence of horns, is an important trait being actively selected for within many beef breeding programs across Australia. Unlike many traits of importance to beef producers, polledness is a qualitative trait controlled entirely by genetics, with non-genetic factors having no influence on the polled status of an animal. Animals can either be polled, horned or scurred (small horns not attached to the skull), although considerable variation in expression is observed within these three different phenotypes.



The genetics of polledness is thought to be controlled by only a few genes, with the polled gene thought to be located in a region of the animal's DNA on chromosome 1. Two basic alleles (ie. different forms of gene) have been identified for the polled gene, the polled allele and the horned allele, with each animal inheriting two alleles for polledness, one coming from each parent.

The polled allele is dominant over the horned allele, so that only animals which are homozygous horned (ie. inherit two horned alleles – referred to as hh) will be horned. Animals that are homozygous polled (ie. inherit two polled alleles – referred to as PP) or are heterozygous polled (ie. inherit one polled and one horned allele – referred to as Pp) will be either polled or scurred.

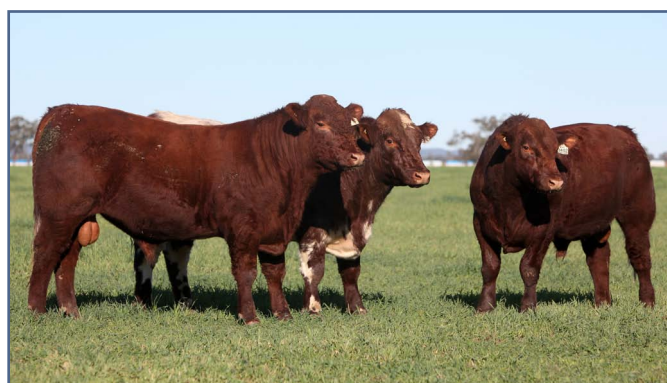
The scurs gene (Sc) interacts with the polled gene and is only expressed when the poll allele is present (e.g. in animals with the genotype PP or Ph). The scur gene can present itself phenotypically when an animal is either homozygous or heterozygous poll and is not linked to the horn gene. The expression of the scurs gene is also sex dependant, so that males only need one copy of the scurs allele to be phenotypically expressed (Scsc or ScSc) whereas females need two copies (ScSc).

Possible Phenotypes and the Corresponding Genotypes for Polledness	
Phenotype	Possible Genotype
Poll	PP, Ph
Horned	hh
Scurred	PP, Ph

Because animals possess two alleles for polledness, it is

possible that their phenotype does not reflect their underlying genotype. For example a polled or scurred animal may be heterozygous polled (Ph), possessing one polled and one horned allele, or homozygous polled (PP), possessing two polled alleles. In scenarios where the polled animal is heterozygous polled, their progeny will on average, inherit a horned allele, rather than a polled allele, 50% of the time.

As with other traits, individual sires contribute proportionally more to the genetics of the herd and so careful selection of sires with polled genetics results in the biggest gains. This may involve use of polled bulls as a basic principle, but where available, use of sires that have been identified by a DNA test as being homozygous polled will greatly increase the speed by which a herd can transition to a polled herd.



*Poll sale bulls for the Yamburgan Sale on the 26th August.
L-R: Yamburgan Monkira J218, Yamburgan Monkira J282
& Yamburgan Anzac J402.*

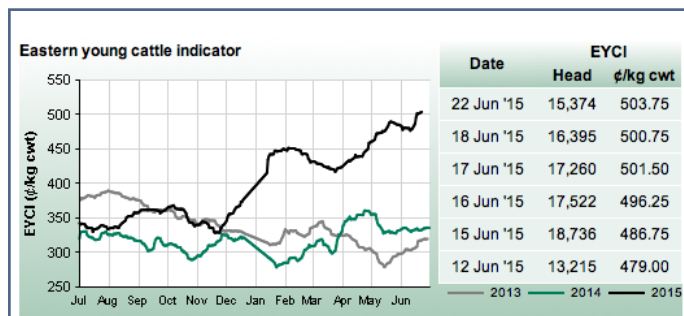
Breeders who are able to apply a level of selection pressure to their cow herd can also use the same philosophies that have been outlined for bulls. Retaining only polled or scurred females will increase the frequency of polled genes within the herd.

Importantly, breeding for polledness should always be balanced with selection for other traits of economic and functional importance within the breeding objective. Simply selecting for polledness without any consideration of other important traits is not recommended as it may potentially compromise the genetics of animals for these other traits. ♦



Manchee Jester D281 (P), sons will be on offer for private sale at the bull sale on Wednesday, 26th August.

The Eastern Young Cattle Indicator (EYCI) officially cracked the 500 cents per kilogram (carcase weight) for the first time in history, closing at 503.75c/kg on the 22nd June, with the outlook predicting further rises.



The Eastern Young Cattle Indicator (EYCI) breaking the 500 cents per kilogram barrier on the 23rd June 2015.

Reproduced courtesy of Meat & Livestock Australia Limited - www.mla.com.au

The National Australia Bank Agribusiness April Commodity in Focus report, forecasts the EYCI should finish the 2014-15 financial year at least 22% higher than the average for the previous financial year. The indicator is currently sitting 33% higher with less than a week to the end of the financial year.

“Overall, the fundamentals for the beef industry are very solid, supported by growing demand from our major export markets and the falling Australian dollar,” Khan Horn, NAB Agribusiness General Manager said.

To put the current market into context, the EYCI is up 84c/kg in the past three months, and a massive 168c/kg when compared to this time a year ago. On a typical 250kg (carcase weight) heavy yearling, it adds an additional \$420 per head.

Analysts have tipped if widespread rain boosts production, the indicator has the potential to climb as high as 600c/kg. This comes mainly off the back of predictions following previous extensive drought events across Eastern Australia. In both the 2002-03, and again in 2005-06 droughts, the EYCI rose by about 30% from their low points within six months of the drought being broken. Ben Thomas, Meat & Livestock Australia Senior Analyst, said the extraordinary thing about finished cattle price movements this year is that it's happened despite all time record numbers still being processed. International demand for Australian beef is set to continue and when the inevitable supply of cattle becomes restricted the market is expected to progress upward.

The depleting Australian national cattle herd has only had one other time in history when the herd had dropped as steeply and as significantly, the 1970s beef slump. There are still very few re-stockers active in the cattle market. When they re-enter and start competing with lotfeeders and processors, it will signify a continued demand for females, simply for restocking purposes. ♦

Performance Pays at Patanga

The production system at Keith & Karena Higgins property, Patanga near Avenue Range, south east of Kingston SE in South Australia, has paid dividends in recent months with their steer production retuning superior profits.

In September last year, 156 purebred Shorthorn steers with an average age of 16-18 months were sold to Charlton Feedlot, Victoria with the steers returning an average of \$972 per head. The steers were fed for 105 days and had an average daily weight gain 2.16kg with the top steer gaining 3.01kg per day. At induction the steers weighed 460kg and at slaughter steers averaged 692.9 kg. They dressed 54.4% to average 376.9kg carcass weight.

The feedlot manager at Teys Charlton described the steers as being one of the better lines of steers they had put through with the cattle settling well after induction and being quiet and easy to handle.



Keith Higgins pictured with John Manchee at Patanga, Avenue Range, South Australia.

At the beginning of June, Keith & Karena saw strong demand for feeder steers at the Mount Gambier store sale. Their 13-14 month old steers sold to what is believed to be a South Australian record. The active bidders on the steers were major feedlots and backgrounders. Two yards of steers returned an average of \$1,160 per head with the break down being 23 steers averaged 391kg, averaged \$1,190 head (\$3.04 c/kg) and 21 steers averaged 375kg, averaged \$1,130 head (\$3.01 c/kg)

“An outstanding result for purebred Shorthorn steers with many favourable comments on the day”, Mike Newton, Miller Whan & John Agency. ♦

“I can see a lift in the performance, consistency and quality of our cattle in the last 5 years.”

Keith Higgins, Avenue Range, SA.

20th Year On Property Sale Celebrations

2015 News

2015 marks the 20th Annual On Property bull sale for the Yamburgan herd and 68 years of stud breeding.

To kick off the celebrations, we will be having a pre-sale dinner with the nations award winning beef and entertainment by Australia's own bush poet, Murray Hartin. We welcome everyone to join us for the dinner the night before our sale. Please feel free to contact either John or Liz for details.

As part of our celebrations, Yamburgan are offering, for the first time since 1984, females for sale on property by auction. On offer will be the entire 2014 drop of heifers from the autumn calving cows. The 30 heifers will be offered as a 'buyers pick', totalling 15 lots.



The heifers on offer will be some of the breeds highest indexing females, pregnancy tested in calf to leading sires. Heifers have been AI'd to Weebollabolla Theodore and Royalla Kabul and then naturally mated to Yamburgan Zeus H140 and Eloora Designer J6, the 2014 Dubbo National Champion Bull. The heifers provide an opportunity to purchase the first females offered that are sired by Yamburgan Tobermoery F090, Waukaru Orion 2047, Yamburgan Emperor E103 and Yamburgan Zeus H140.

The Annual Bull Sale will comprise of 90 bulls. The bulls will have come out of a contemporary group of 130 bulls with some of the breeds leading figured bulls on offer. This year sees the first sons of Yamburgan Tobermoery F090, Yamburgan Grissom G31 and Yamburgan Zeus H140 being catalogued.

FOR SALE by AUCTION
For the First time since 1984
The entire Yamburgan autumn K Heifers
Buyers Pick

YY Yamburgan Bull & Female Sale

Wednesday 26th August

90 *Durham Shorthorn Bulls*
30 *Durham Shorthorn Heifers 'Buyers Pick'*
12 *Durham Tropical Bulls, Private Sale*



Bull Sale Sire Summary....

33 *YAMBURGAN TOBERMOREY F090*
15 *YAMBURGAN EMPEROR E103*
13 *YAMBURGAN OSSIE E65*
12 *BUNDALEER FORMULA ONE*
8 *YAMBURGAN GRISSOM G31*
8 *YAMBURGAN SPARTA F149*
7 *SOUTH BUNDARA DIVIDEND*
4 *YAMBURGAN ZEUS H140*

YY

Lionel & Rania Manchee
02 6794 4540

Publication of
Manchee Agriculture

MA

Manchee Agriculture

John & Liz Manchee
"Wallah" Narrabri NSW
02 6794 4825
John 0427 944 825
Liz 0427 936 213

WW

Email:
liz@manchee.com.au
john@manchee.com.au

Web Site: www.manchee.com.au